

What is claimed is:

1. A liquid crystal display panel fabricated by bonding a first substrate with a signal electrode formed on a face thereof to a second substrate with an opposite electrode formed on a face thereof at a given spacing provided by a peripheral sealing section interposed therebetween on the periphery of a display region such that the signal electrode is opposed to the opposite electrode, and by installing a liquid crystal layer in-between the spacing;

said signal electrode comprising a peripheral electrode formed substantially over the entire area of the display region, pattern electrodes formed in isolation within the peripheral electrode, and wiring electrodes formed across the peripheral electrode with a gap provided between the same and the peripheral electrode for selectively applying a voltage to the respective pattern electrodes;

said opposite electrode being installed over the entire area of the display region in such a way as to oppose the signal electrode;

said first substrate, second substrate, signal electrode and opposite electrode being all transparent, said liquid crystal layer undergoing changes in optical properties depending on whether or not a voltage is applied between the signal electrode and the opposite electrode, and a transmittance of portions of liquid crystal layer where a voltage is applied increasing,

wherein wiring sealing sections formed of a transparent sealing material are installed between the wiring electrodes and the opposite electrode in the display region such that portions of the display region where the wiring sealing sections are installed always have a transmittance substantially equal to that of portions of the liquid crystal layer where a

voltage is applied.

2. A liquid crystal display panel according to claim 1, wherein the wiring sealing sections are provided over the gaps between the wiring electrodes and the peripheral electrode as well.

5 3. A liquid crystal display panel according to claim 1, wherein the wiring sealing sections are formed of the same sealing material as a sealing material used for the peripheral sealing section so as to be continuous with each other.

10 4. A liquid crystal display panel according to claim 1, wherein the wiring sealing sections are formed so as to be separated from the peripheral sealing section.

5. A liquid crystal display panel according to claim 1, wherein the wiring sealing sections are formed of a sealing material which is lower in hardness and softer than a sealing material for the peripheral sealing section.

15 6. A liquid crystal display panel according to claim 1, wherein the liquid crystal layer is a scattering type liquid crystal layer comprising liquid crystal and transparent solids composed of organic polymers.

20 7. A liquid crystal display panel according to claim 6, wherein an ultraviolet absorbing layer is installed on at least either of the first substrate and the second substrate, in regions extending from overlapping regions where either or both of the first substrate and the second substrate overlap the peripheral sealing section and the wiring sealing sections, respectively, towards portions of the liquid crystal layer in the vicinity of the peripheral edge of the overlapping regions.

25 8. A liquid crystal display panel according to claim 1, wherein the pattern electrodes are target electrodes for auto focus in the shape of a target

pattern which are installed in the finder of a camera,

the liquid crystal layer is a scattering type liquid crystal layer comprising liquid crystal and transparent solids composed of organic polymers, and

5 when a voltage is applied between the peripheral electrode of the signal electrode and between the target electrodes, and the opposite electrode, the entire area of the display region including the wiring sealing sections is turned into a transparent state having an identical transmittance, and only a region of a target electrode among the target electrodes where a voltage is
10 selectively not applied or a voltage applied is reduced is turned into an opaque state due to scattering of light in the liquid crystal layer.

9 9. A liquid crystal display panel according to claim 8, wherein the wiring sealing sections are provided over the gaps between the wiring electrodes and the peripheral electrode of the signal electrode as well.

10 10. A liquid crystal display panel according to claim 8, wherein the wiring sealing sections are formed of the same sealing material as a sealing material used for the peripheral sealing section so as to be continuous with each other.

11 11. A liquid crystal display panel according to claim 8, wherein the wiring sealing sections are formed so as to be separated from the peripheral sealing section.

12 12. A liquid crystal display panel according to claim 8, wherein the wiring sealing sections are formed of a sealing material which is lower in hardness and softer than a sealing material for the peripheral sealing section.

13 13. A liquid crystal display panel according to claim 8, wherein an ultraviolet absorbing layer is installed on at least either of the first substrate

and the second substrate, in regions extending from overlapping regions where either or both of the first substrate and second substrate overlap the peripheral sealing section and the wiring sealing sections, respectively, towards portions of the liquid crystal layer in the vicinity of the peripheral edge of the overlapping regions.

14. A liquid crystal display panel according to claim 8,

wherein at least a part of the peripheral sealing section is transparent, and a light source for emitting light to the liquid crystal layer from outside of the peripheral sealing section through the transparent part thereof is installed.

15. A liquid crystal display panel according to claim 14, wherein the light source is disposed at a location opposite to a shorter side of the wiring sealing sections, suited for emitting light from outside of the peripheral sealing section.

16. A liquid crystal display panel according to claim 14,

wherein the light source is a light source for emitting colored light.

17. A liquid crystal display panel according to claim 14,

wherein a width of gaps between the target electrodes and the peripheral electrode is in a range of 30 to 70 μm .

18. A liquid crystal display panel according to claim 14,

wherein an adiabatic sealant is provided in the peripheral region of the first substrate and the second substrate.

19. A liquid crystal display panel according to claim 18,

wherein portions of the adiabatic sealant other than a portion thereof on a side where the light source is disposed double as a light absorption layer for absorbing light in color of light emitted by the light source.

20. A liquid crystal display panel according to claim 14,

wherein a convex lens or a diffuser, for irradiating the liquid crystal layer in whole with light emitted from the light source, is installed between the light source and the transparent part of the peripheral sealing section.